

08 Series

Process advantages

	FZ 08	DZ 08
Tool changer	Chain magazine	Chain magazine
Travel X - Y - Z	450 - 270 - 310 mm	450 - 270 - 310 mm
Chip-to-chip time	2.2 s	2.8 s
Number of milling spindles	1	2
Spindle distance		200 mm
Milling spindle speed max.	40,000 rpm	40,000 rpm
Milling spindle torque max.	23 Nm	11 Nm
Tool taper	HSK-A32 HSK-A40 HSK-E40	HSK-A40 HSK-E40
Number of tools max.	80	2 x 16
Tool diameter max.	47 mm	63 mm
Tool diameter 2 max.	100 mm	
Tool length max.	200 mm	160 mm
Tool weight max.	1.2 kg	1.2 kg
Rapid feed X - Y - Z	75 - 75 - 75 m/min	75 - 75 - 75 m/min
Axis acceleration X - Y - Z	10 - 15 - 20 m/s ²	10 - 15 - 20 m/s ²



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Process advantages

FZ 08 precision⁺

DZ 08 precision⁺

Tool changer	Chain magazine	Chain magazine
Travel X - Y - Z	210 - 270 - 360 mm	210 - 270 - 360 mm
Chip-to-chip time	2.2 s	2.9 s
Number of milling spindles	1	2
Spindle distance		200 mm
Milling spindle speed max.	40,000 rpm	40,000 rpm
Milling spindle torque max.	7 Nm	7 Nm
Tool taper	HSK-A40 HSK-E40	HSK-E40
Number of tools max.	96	2 x 48
Tool diameter max.	45 mm	45 mm
Tool diameter 2 max.	100 mm	90 mm
Tool length max.	200 mm	200 mm
Tool weight max.	1.2 kg	1.2 kg
Rapid feed X - Y - Z	75 - 75 - 100 m/min	75 - 75 - 100 m/min
Axis acceleration X - Y - Z	10 - 20 - 20 m/s ²	10 - 17 - 20 m/s ²



08 Series

Process advantages

Tool changer
Travel X - Y - Z
Bar diameter
Chip-to-chip time
Number of milling spindles
Swivel range milling spindle
Milling spindle speed max.
Milling spindle torque max.
Tool taper
Number of tools max.
Tool diameter max.
Tool diameter 2 max.
Tool length max.
Tool weight max.
Rapid feed X - Y - Z
Axis acceleration X - Y - Z
Main turning spindle speed max.
Main turning spindle torque max.

FZ 08 mill turn precision*

Chain magazine
210 - 270 - 360 mm
32 / 42 / 65 mm
2.5 s
1
-10° / +100°
54,000 rpm
19.5 Nm
HSK-E32
HSK-A40
96
45 mm
100 mm
160 mm
1.2 kg
75 - 75 - 75 m/min
9 - 13 - 15 m/s ²
8,000 rpm
90 Nm

